

Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable RG402 Type .141 Coax

The 4.3-10 male push-on to RA 4.3-10 male push-on cable using RG402 type .141 coax, part number FMCA2801, from Fairview Microwave is in-stock and ships same day. This Fairview 4.3-10 to 4.3-10 cable assembly has a male to male gender configuration with 50 ohm semi-rigid FM-SR141CU-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The FMCA2801 4.3-10 male to 4.3-10 male cable assembly operates to 6 GHz. The right angle 4.3-10 interface on the FM-SR141CU-STR cable allows for easier connections in tight spaces.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.



Configuration:

- Push-On 4.3-10 Male
- Push-On 4.3-10 Male Right Angle
- FM-SR141CU-STR

Features:

- Max Frequency 6 GHz
- 69.5% Phase Velocity
- 100 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.5:1	
Velocity of Propagation		69.5		%
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	6			GHz
Insertion Loss (Typ.)	0.12	0.175	0.45			dB/ft
	0.39	0.57	1.48			dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB for the straight connector and 0.2 dB for the right angle connector.

Mechanical Specifications

Cable Assembly

Weight 0.165 lbs [74.84 g]

Cable

Cable Type FM-SR141CU-STR
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Outer Conductor Material and Plating Copper

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Repeated Minimum Bend Radius 0.25 in [6.35 mm]

Connectors

Description	Connector 1	Connector 2
Type	4.3-10 Male	4.3-10 Male
Impedance	50 Ohms	50 Ohms
Connection Method	Push-On	Push-On
Mating Cycles	100	100
Contact Material & Plating	Brass, Silver	Brass, Silver
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

Mechanical Specification Notes:
Maximum length using the straight semi rigid coax is 5ft. For lengths greater than 5ft, please contact us

Environmental Specifications

Temperature

Operating Range -55 to +90 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

FMCA2801 - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA2801-12 = 12 inches long cable
FMCA2801-100cm = 100 cm long cable

Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable RG402 Type .141 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Push-On 4.3-10 Male to RA Push-On 4.3-10 Male Cable RG402 Type .141 Coax FMCA2801](https://www.fairviewmicrowave.com/push-on-4.3-10-male-to-ra-push-on-4.3-10-male-cable-rg402-type-.141-coax-fmca2801-p.aspx)

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